BOJAR, Sandor

Where the Cordatic is made. Auto motor 15 no.23:4 of cover 6 D '62.

POLAND / Farm Animals. The Honeybee.

Q

Abs Jour: Ref Zhur-Biol., No 5, 1959, 21328.

Author : Bojarczuk, Czeslaw; Zmarlicki, Cyprian. Inst

: Not given. Title

: The Work of the Experimental Station of Apiculture

at Gorna Niwa in 1957.

Orig Pub: Pszczelarstvo, 1958, 9, No 3, 66468.

Abstract: A new perspective strain 13 K has been bred. In experiments lasting 2 years and investigating the degree of the colonies! wax productivity after the main honey collection, it was established that stretching of honeycombs accompanied by simultaneous supplementary feeding with syrup does not have an effect upon the colony's condition. On low frames the bees built their honeycombs up to the lower planks, on high frames only up to 3/4 of their

Card 1/2

POLAND / Farm Animals. The Honeybee.

0

. . Abs Jour: Ref Zhur-Biol., No 5, 1959, 21328.

Abstract: height. When two methods of multiplying bees are compared (early successive intervals and intervals after collection), the difference between them in terms of honey production is not significant, but with the former method the risk of swarming is (about 1000), their sexual activity was 5 times greater than in colonies with a large number of drones (about 3000). — V. A. Kanzyuba.

Card 2/2

90

BOJAROWICZ, Jan; KOBA, Stanislaw

Achievements of the Health Service in the Region of Kielce during 20 years of the Polish Peole's Republic. Wiad. lek. 18 no.21:Suppl.:1-3 15 N ' 65.

BOJARSKA, Barbara

Therapeutic use of bromine. Polski tygod.lek. 10 no.15:491-495 12 Apr 55.

1. Z Oddzialu Wewnetrznego (IV) Szpitala Miejskiego nr 2 w Warszawie: ordynator: prof. dr nauk medycznych Witold Orlowski. W-wa, Targowa 84 m. 14.

(BROMINE, therapeutic use)

POLAND/Optics - Luminescence.

K

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 28449

Author

: Bojarski, C.

Inst

On the Marrowstone Department of the D

Title

: On the Temperature Dependence of the Fundamental

Polarization

Orig Pub

: Bull. Acad. polon. sci. Ser. sci. math.; astron. et

phys., 1958, 6, No 11, 713-717, LVI

Abstract

: The formula obtained by Jablonski for the temperature dependence of the polarization of luminescence of molecules in solid and viscous solutions is investigated, with account of the polarization introduced by the presence of torsional oscillations of the radiating molecule near the principal axis of its inertia:

$$P'_{p} = P_{p} \left[1 - (6 - 2P_{p}) \frac{h}{I_{u'}} \left(\frac{1}{2} \frac{kT}{hw} \right) \right]$$

Card 1/3

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POLAND/Optics - Luminescence.

K

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 28449

where P_p is the principal polarization P'_p is the polarization with allowance of the depolarizing factors, I the moment of inertia of the molecule, and when angular frequency of the torsional oscillations. By mathematical transformations and introducing several physical assumptions, the author represents the formula in a more general form

$$\frac{1}{P_p} - \frac{1}{3}$$
 $(\frac{1}{P_p} - \frac{1}{3}) \cdot \frac{1}{(B \times T - C)^2}$

where B $3k/I\omega^2$ and $C=1-3h/2I\omega$ under the assumption that $h\omega < kT$. Verification of the formula against the result of the measurements of the poparization of luminescence of benzene and glycerine has shown that it is sufficiently accurately satisfied over a wide range of temperatures. The applicability

Card 2/3

- POLAND/Optics - Physical Optics.

K

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 28449

of the obtained dependence is limited to the region of small values of depolarization (i.e., small amplitudes of torsional vibrations). Under this condition it is possible to consider the oscillations about the three axes of inertia to be mutually independent. -- A.V. Shablya

Card 3/3

- 120 -

POLAND/Optics - Physical Optics.

K

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 28451

Author

: Bojarski, C.

Inst

: Dklansk Technical University, Poland

Title

: Note on the Theory of Self Depolarization of Photo-

luminescent Solutions

Orig Pub

: Bull. Acad. Polon. sci. Ser. sci. math., astron. et

phys., 1958, 6, No 11, 719-725, LVI

Abstract

: From the general expression for the dependence of the degree of polarization of fluorescence on the humber of molecules per cubic centimeters of solution, given previously by Jablonski (Referat Zhur Fizika, 1957, No 6, 15650; 1956, No 2, 5325) a simpler formula is obtained. This formula is in good agreement with the experimental results of Feofilov

Card 1/2

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POLAND/Optics - Physical Optics.

K

Abs Jour

: Ref Zhur Fizika, No 12, 1959, 28451

and Sveshnikov (Journal of Experimental and Theoretical Physics, 1940, 10, 1372). Discrepancies between the theory and experiment, observed at large concentrations of dye, are ascribed to the presence of concentration extinction, which is not taken into account in the Jablonski theory. -- V.L. Yermalayev

Card 2/2

BOJARSKA, Z

Polish Technical Abst. 2383
No. 4, 1953
Metallurgy
Boiarske

(3) radio

Bojarska Z., Romer E., Ziolowski Z. X-Ray Powder Proszkowe kamery rentgenegative.

Proszkowe kamery rentgenorgriczne typu Debye-Scherrer. (Prace Ins. Metalurgii No. 2), Katowce, 1952, PWT,

The principal features of a good X-ray powder camera were reviewed. Many often contradictory, demands made upon the powder camera made it necessary to prepare a camera which could setisfy all the various needs. A description and technical data are given of a camera made to the authors design. The 114.6 mm. dia. camera is distinguished by: precise fitting of film, easy exchange of coilimating tubes, simple and quick centering of test places and small ray dispersion in the camera.

POLAND/Physical Chemistry - Crystals.

В

Abs Jour : Ref Zhur Khimiya, No 19, 1959, 67189

Author

Bojarski, Z.

Inst Title

: Crystallographic Orientation of Iron Monocrystals Prepared by Critical Elongation and Recrystallization

Orig Pub

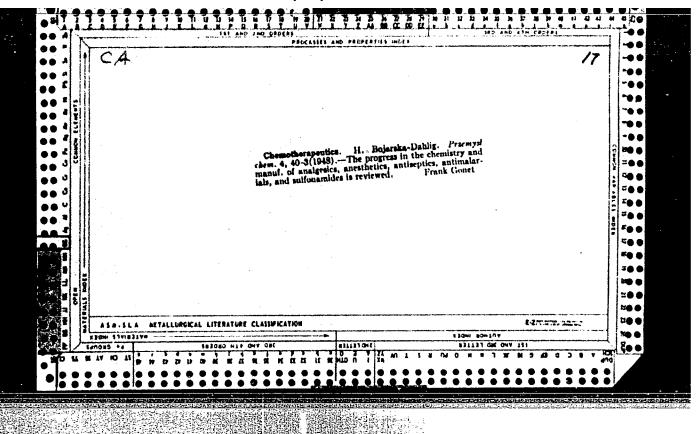
: Prace inst. hutn., 1959, 11, No 1, 19-23

Abstract

: Iron crystals averaging 30 x 10 x 3 mm³ were prepared by stressing (3.5-4.5%) and critical recrystallization. By means of reverse lauegrams / Laue diffraction pattern/it was shown that there is no favored orientation of individual crystals. This provides a basis for the assumption that the slip mechanism under the effect of small deformation forces is governed by secondary factors (admixtures); this leads to the fact that the crystallization centers formed are not oriented with respect to the direction of force application. -- Author's summary

Card 1/1

- 13 -



BOJARSKA-DAHLIG, H.

12

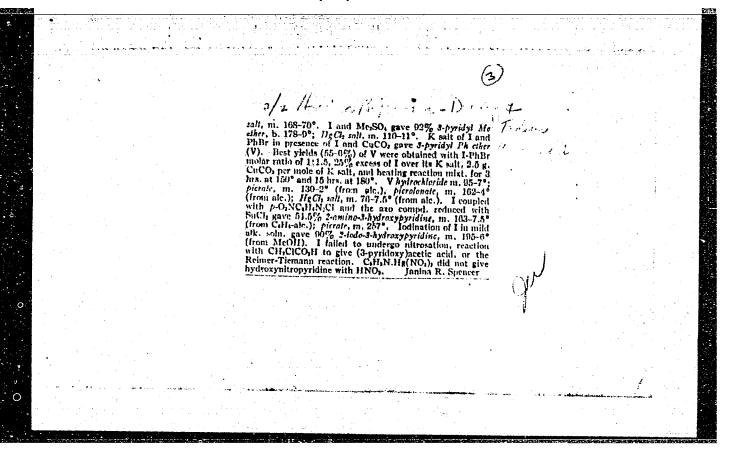
Chemical Abst.
Vol. 48 No. 3
Feb. 10, 1954
Organic Chemistry

Phenolic reactions of 3-hydroxysyridine. Haling Hojarska-Dahlig and Tadeuse Urbanski. Trace (1998).

The Ministry Med Preziny Medicon. 1982, No. 1, 1-18 (1998).

He haling summary).—The nuthers undertook a systematic study of 3-hydroxypyridine (1), the prototype of vitamin B.

The NH, salt of I was obtained in 75.4% yield be arbling thropwise 3 moles pyridine (6), 114-16°) to 355 cc. 65% cleum in presence of 5.5 g. Hg; the teactor, equipped with nor condenser, was cooled with water, and then slowly brought to 280°, and kept at this temp. for 8 hrs. The praction mist, dissolved in water, neutralized, and coued, gave 398 g. NH, salt of I, crystals from water, m. 238-42°. The NH, salt (1 mole) fused with 9 moles KOH for 3 hrs. at 189° gave, after neutralization and extn. with Me₂CO, 80% of I, m. 124.5-16.0°. I was characterized by its salts: hydrochloride, but 204-5°, ha 207.5-9.0°; pierate, m. 200-1.5° (from alc.); pierolonate, C.H.ON.C.H.O.N., m. 241.5-3.0° (from alc.); pierolonate, C.H.ON.C.H.O.N., m. 241.5-3.0° (from alc.); pierolonate, C.H.ON.C.H.O.N., m. 280-3° (from water). Carboxylation of 1 gave hydroxypicolinic acid (II). With slow heating less or no II was obtained. At 215-20° and 45 atm. the yield of II was 22%. Same conditions with K salt of I gave 24% 5-hydroxypicolinic acid (III) and 3% of II. I mixed with anhyd. K₂CO, treated with CO₂ at 116.5 and 45 atm. for 8-9 hrs. gave III in yields which depended on the ratio of K₂CO₂ to 3-hydroxypyrioline: ratio 1.5 gave highest yield, 85-7%, halto 1.0 gave 70%. HgCl₂ salt of II, crystals from water, m. 188-62.0° (from water). Me 3-hydroxypicolinate, m. 178-3-0° (from CHCl₂); HgCl₃ salt, m. 188-62.0° (from water). HgCl₃ salt of III, m. 263-4° (from water). HgCl₃ salt of III, m. 188-64° (from water). HgCl₃ salt of III, m. 188-64° (from water). HgCl₃ salt of III, m. 188-60° (from water). HgCl₃ salt o

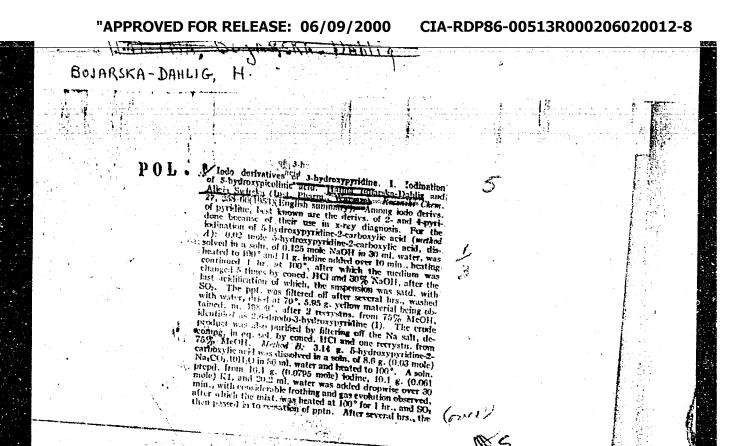


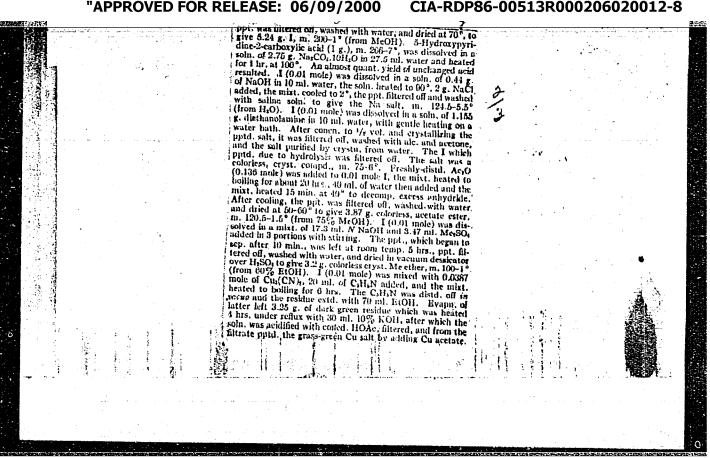
BOJARSKA DALLIG, HALINA

Casalistry of pyridine. III. On the carboxylation of 3-hydroxypyridine with carbon diaxide. Halina Bojarska-Dalike and Tadeux Urbackki (Inst. Technels Warnew): Records Chem. 26, 168-67(1952) (English summary); ed. C.A. 41, 5129d; 49, 1033c.—NH4 3-pyridineanifonate (I mole) was fused with KOH (9 moles) at 180° for 3 hrs. the melt dissolved in water, adjusted to a pH of about 10 with corocl. HCl and then to about 4.5 with HOAc, and the resulting ppf. catd. with MecCO to give 80% 3-hydroxypyridine (I), nn. 124.5-5.0° (Iron water); HCl soit, bas 201-5° and bas 207-9°; picrate, m. 200.9-1.5°; picroloxade, m. 241.5-3.0°; HgCl-complex, m. 162°; Cu(OAc); complex, m. 190-9° (decompt.), Alter I as the Na salt (II) (4.75 g.) was heated to 220°, dry CO, (at atm. pressure) was introduced while the temp. was raised to 280° during 30 min., kept there 6-9 hrs., the mixt, dissolved in 25 ml, water, acidified with coned. HCl, filtered, neutralized with NaHCO₀, the unreacted I filtered off, the filtrate acidified with HOAc, and 3-hydroxypicolinic acid (III) pptd. ns the Cu salt (IV) from the boiling filtrate on sain, with NaOAc. IV was the compd. with H-S and two purifications were effected through IV to yield 0.56-0.0° g. III, m. 203-4°; picrote, m. 159-62°; If CCI, complex, m. 220° (decompn.). III (2.6 g.) us the As salt was refluced 8.5 hrs. with 1.25 g. Ect in 21 ml, dry C.He, the Agl filtered off, and the benzene s.dn. evand, to yield 2.30 g. Et 3-hydroxypicolinate, bg 162° and ba 123°; picrate, m. 118-19°; If gCl-complex, n. 147°. Bry CO; was introduced to 1.9 g. I. as the Na salt, na 50-sul, authors to 10 pressure of 40-45 atm., the whole heated decide 15 n. to 240 20°, kept at this temp. for 6 hrs., and the resulting mixt, worked up as

above yielded 0.62 g. III. I(1.9 g.) as the K salt was treated with CO₁ under pressure, the mixt, heated as above 8 hrs., the product dissolved in 20 ml. water, the soln, send, from earbonized substances by filtration, neutralized with coned. If Cl, and acidified with HOAe to give crystals of 5-Eydree-picolinic acid (V). The filtrate was neutralized with HOAe, any sepd. I filtered off, and after acidifying with HOAe, the Cu salts of the 5-hydroxypicolinic pcids were pitch, with Cu(OAe), from hot roln. The Cu-salts were decompd, with HS and two fractions with different water solubilities were obtained. The less sol, fraction consisted of V (0.75 g.); the total yield of V was 24%, in. 257-5°; picale, in. 255-4°; HgCl, complex of Me exter, in. 257-4°; Me ester, in. 72-3°; HgCl, complex of Me exter, in. 191°. The more sol, fraction was HI (3%). I (0.03 mole) was mixed with KgCO₂ (0.03 mole) and the mixt, treated in an autoclave with dry CO₁ (40 atm.) at 215° for 8.5 hrs. From the reaction product, worked up in the usual way, was obtained 2.73 g. V. When I and K-CO, were mixed in molar arms, and treated as above 70% V and 1% III were obtained. Larger excesses of K₃CO₂ did not improve the yield of V.

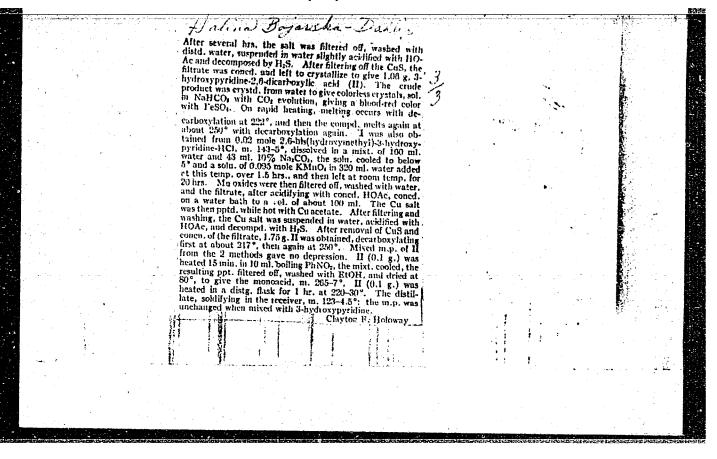






"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206020012-8



BOJARSKA-DAHLIG, H.

"Diagnostic Contrast Media Derived from Pelvironic Acid." P. 266. (PRZEFYSL CHEMICZNY, Vol. 10, No. 5, May, 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

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	Company of the Compan	Rifestion of Envidone nitrate. Haling Bulger La- Poiling (Inst. Phatm., Warena). The world Chem. 187 (1977) (1997) English summary). 3-Nitro i-pyridone nitrate is a an unstable product in the nitration of i-pyridone nitrate.
		an instable product in the intration of 4-pyridone intrate. Chester Placek
		entre de la companya de la companya La companya de la co
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BOJARSKA-DAHLIG, H.

Contrast media based on 3,5-diiodo-4-pyridine-N-acetic acid. Acta
Poloniae pharm. 11 Suppl::59-60 1955.

1. Instytut Farmaceutyczny w Warszawie.
(CONTRAST MEDIA,
3,5-diiodo-4-pyridine-N-acetic acid.deriv.)

BUJARSKA-DAHLIZG, HALINA

Poland/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61547

Author: Bojarska-Dahlig, Halina; Nantka-Namirski, Pawel

Institution: None

Title: Investigation of Derivatives of 4 draxypyridine. I. On Direct

Carboxylation of 4-hydroxypyridine

Original

Periodical: Badania nad pochodnymi 4-hydroksypirydyny. I. O bezposrednim

karboksylowanju 4-hydroksypirydyny, Roczn. chem., 1955, 29, No 4,

1007-1018; Polish

Abstract: Study of carboxylation of 4-hydroxypyridine (I). Na-salt of I

(from 0.1 mol I and 0.1025 mol NaOH) heated within 1 hour to 190° in CO₂ atmosphere at 50 atm pressure, held 2 hours at 190°, heating to 220° within one hour, held 3 hours at 220°, ground with 25 ml water, acidified with concentrated HCl, filtered, made alkaline with 20% NaOH, acidified with CH₃COOH, added at 80° a saturated

solution of (CH3COO)2Cu, precipitate suspendent rater and

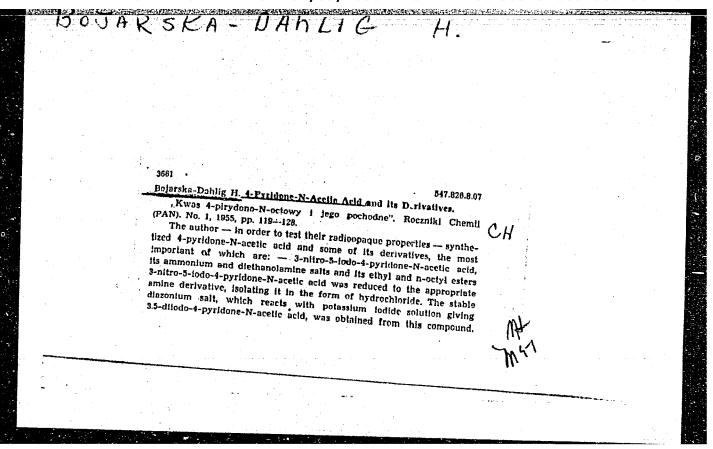
Card 1/2

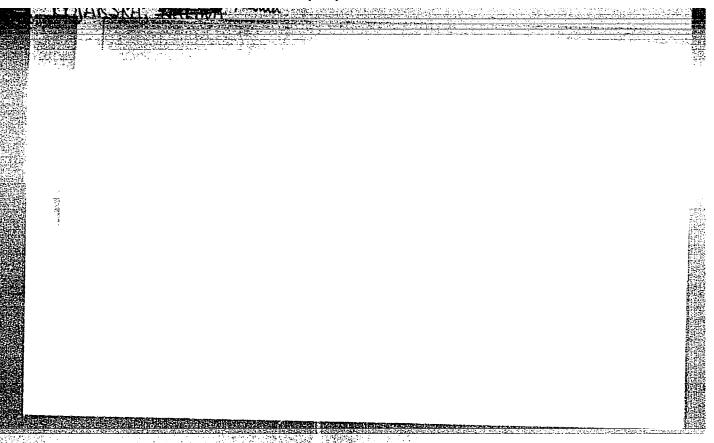
Poland Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61547

Abstract: decomposed while heating with H2S. Yield of 4-hydroxy-nicotinic acid (II) 52.5%, MP 257° (from water); compound with HgCl2, MP 213° (from water); picrate, MP 182-1830 (from water); methyl ester, MP 221-2220 (from alcohol); ethyl ester, MP 219-2200 (from alcohol); hydrazide does not melt at 350°; amide, MP 276-278° (with decomposition, from water). Under the same anditions was treated with CO2 the K-salt of II, aqueous solution acidicied with concentrated HCl, and there is obtained 4-hydroxy-pyridine carboxylic acid-3,5 (III), yield 38.2%; dimethyl ester, MP 236.5-238° (decompases, from 50 CH30H); dihydrazide does not meth at 350° (from 80% CH30H); diamide, MP 320-323° (decomposes, from 15% CH30H). On carboxylation under analogous conditions of K-salt of I there is obtained II with yield of 33.9% and III, yield 3.8%. To 0.01 mol II and 0.015 mol soda in 43 ml water or to 0.01 mol III and 0.025 mol soda in 36 ml water added at 100° calutton of 0.01 mol III and 0.025 mol soda in 36 ml water added at 100° solution of 0.04 mol J₂ and 5.08 g KJ in 10 ml water, held one hour at 100° and saturate 11th SO₂; yield of 3,5-diiodo-4-hydroxypyridine, respectively, 75% and 81%, MP 317-318°.

Card 2/2



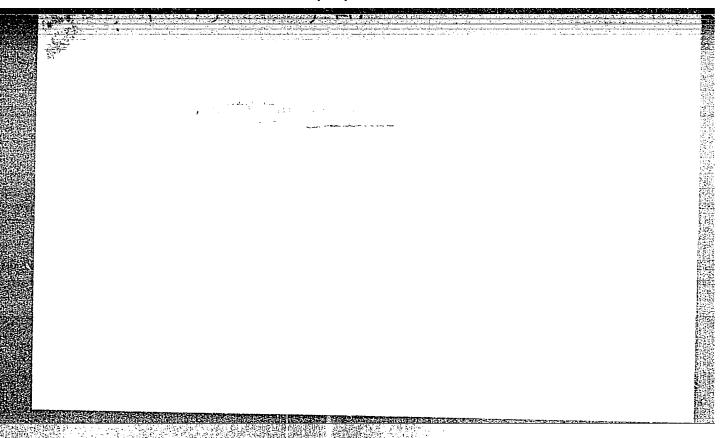


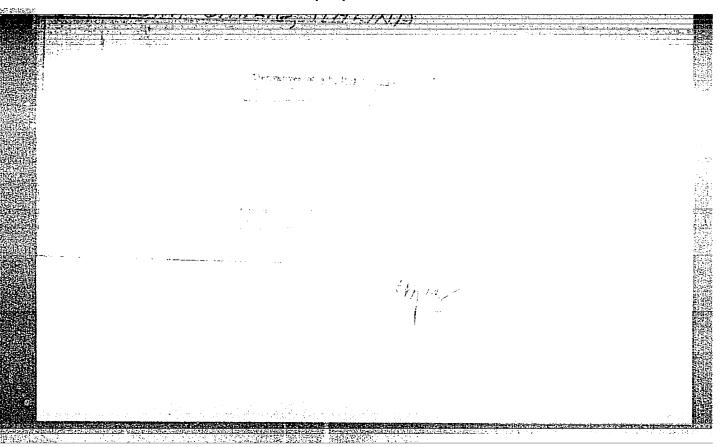
BOJARSKA-DAHLIG, Halina

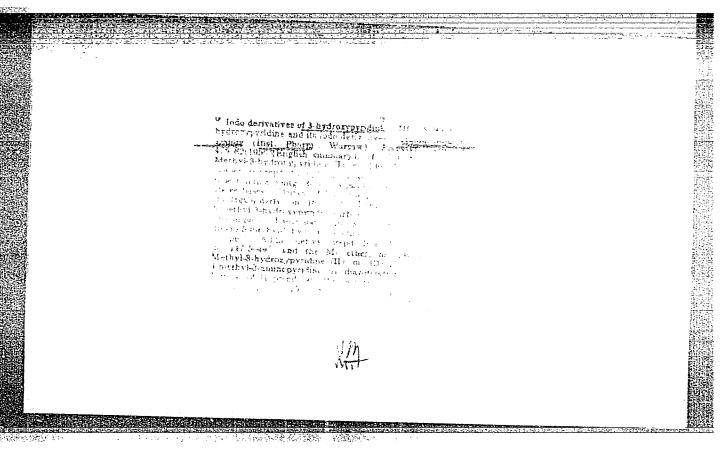
Halina Bojarska-Dahlig: "On Some Nitroderivatives of 2-Amino-3-Piridinecarboxilic Acid," Roczniki Chemii, Vol 30, No 2, Warsaw, 1956. Published from the Research Laboratory for Synthesis I, Pharmaceutical Institute, Warsaw, 14 Jul 55.

BOJARSKA-DAHLIG, Halina

Halina Bojarska-Dahlig: "Iododerivatives of 3-Hydroxypyridine. III. 5-Methyl-3-Hydroxypyridine and its Iododerivatives," Roczniki Chemii, Vol 30, No 2, Warsaw,
1956. Published from the Research Laboratory for Synthesis I, Pharmaceutical Institute
Warsaw, 23 May 55.







POLAND/Organic Chemistry. Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 4, 1958, 11325.

with ice: the yield of II is 98.4%, mp 1850 (decomp). For proof of structure 0.1 mol II in 230 ml HCl (d = 1.15) is heated 2 hrs at ~ 100° with 5.5 gms granulated Sn, the solution is decanted, evaporated almost to dryness, the residue is dissolved in 200 water, H2S is passed into the solution. The filtrate gives I, yield 43.4%, mp 308-310° (decomp; from water). O.1 mol II is heated 20 min at 1000 with 20 ml conc H2SO4, the solution is poured into water, and filtered; the residue is dissolved in water, neutralized with NaHCO2, and the solution is acidified with conc HCl; III is obtained, which is purified by dissolving it in dilute NaOH and precipitating with HCl (acid) at pH 5, mp 318-3190 (decomp); sulfate, mp 233-235° (decomp); nitrate, mp 285° (decomp); the nitrate is hydrolyzed when treated with water. III is

Card : 2/3

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

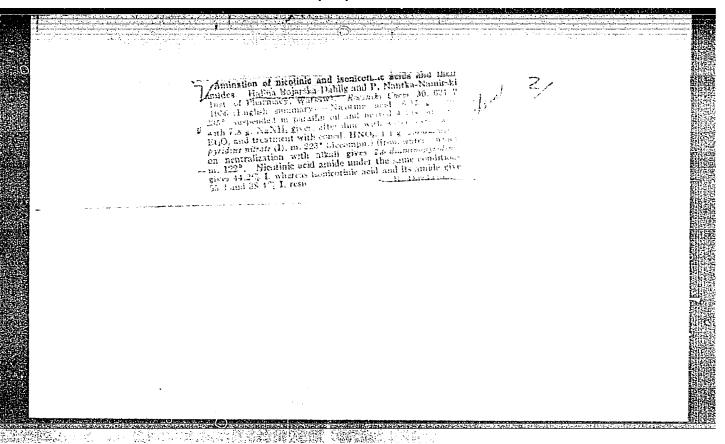
G-2

Abs Jour: Referat Zhur-Khimiya, No 4, 1958, 11325.

decarboxylated by heating (300-305°/2 mm, 30 min) and converted to 2-amino-5-nitropyridine, yield 83.5%, mp 186-187° (purification by distillation). The Ag-salt of III (from 0.01 mol III) is refluxed 6 hrs with 5 ml CoH5 I in 20 ml CoH6 and the solution is filtered; the filtrate gives the ethyl ester of III, yield 30.8%, mp 193-194° (decomp; from 80% alcohol). Attempts to distotive III were unsuccessful.

Card : 3/3

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EGJANDRA-EMILEO, H.
P. Hantka-Mamirski and H. Bojarska-Dahlig: "Studies on h-Tydrexy-3-Piridinecarbonilic Acid Derivatives. h-Chloro-3-Piridinecarbonilic Acid Derivatives. h-Chloro-3-Piridinecarbonilic Acid December of Synthesis I, Vol 30, No 2, Warsen, 1986. Published from the Desearch Leberatory of Synthesis I,
Phartaceutical Institute, Warsow, 1h Jul 55.

DOMESTA-DAMILIO, PARCHA

Haling Hojarska-Dahlig and Fawel Hautka-Mamirski: "On Animation of Micotinic, Tsenicotinic Acide and Their Amides, "Roczniki Chemit, Vol. 30, No 2, Marsaw, 1984. Fublished from the Research Laboratory of Synthesis I, Phermacentical Institute, Marsaw, 14 Jul 55.

Folion Bojarska-Dahlig and Fauel Hantka-Madraki: "Stadius on the Sheristry of helpdrovyggridine Berivatives. Part FI. On Acabation of helydrovyggridine with Bodium Amide. "Rocaniki Chemit, Vol 30, No 2, Varsau, 1950. Published from the mesoarch Laboratory of Synthesis I, Pharmaceutheal Institute, Varsaw, 20 Arr 55.

POLAND/Organic Chemistry. Synthetic Organic Chemistry

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11840

Author : Bojarska-Dahlig H., Nantka-Namirski P.

: Not given Inst

: Concerning the Independent Amination of Nicotinic Title

and Isonicotinic Acids and Their Amides.

Orig Pub: Roczn. chem., 1956, 30, No. 2, 621-622

Abstract:

On heating (4 hours, 2000) 0.05 mol of nicotinic (I) or isonicotinic (II) acids or their amides (Ia and IIa, respectively) with 0.2 mol of NaNH2, 2,6-diaminopyridine (III) is formed, separated from the reactive mass by the addition of 50 ml of water, extracted by ether and precipitated by NHO3 (d, 1.4) in the form of III.NHO3 (IIIa); melting point, 223° (decomp.;

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BOJARSKA - DAHLIBI II

, POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36219.

Author : Bojarska - Dahlig, Swirska.

Title : 6-Methyl-3,5 - Diiodine - 2- Pyridon - N - Acetic Acid.

Orig Pub: Acta polon. pharmac., 1957, 15, No 4, 267-273.

Abstract: A method of synthesizing 6-methyl-3,5-diiodine-2-pyridon-N-acetic acid (I) was developed. I and its salt in (HOCH2CH2), NH (Ia) may be employed for the diagnostic purposes in the roentgenology. For the white mice the ID min. corresponds to 0.4gr/kgr for I and 1.0 gr/kgr for Ia. As it follows from the comparison of toxicities, I and its analogues without a CH3 group in the "6" position, that the introduction of a CH3 group into the position 2 or 6 of the pyridine ring increases the physic-

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POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36219.

logical activity of a compound. To a solution containing 0.05 mals of 6-methyl-2-oxypyridine in 100 cc of water and 14.5 gr. of crystalline Na₂CO₃ is added gradually a solution containing 0.205 I₂ and 26 gr. KI in 50 cc of water (in 10 minutes time and at 1000C). The mixture is maintained at 100 C for 1 hour followed by saturation with SO₂ and 10-20 hour standing. The obtained 6-methyl 3,5-diiodine-2-oxypyridine (II) comprises a yield of 99.85 and has a melting point of 240-245^C (alc.). To a solution containing 0.01mals 6-methyl-2-aminopyridine in 20cc of glacial acetic acid is added (at 80°C) a solution containing 0.2 mals Cl I in 10 cc of glacial acetic acid followed by boiling for 4 hours. After the mixture is cooled to 0°C, 20 cc of (CH.Cl)₂ is added. 6-methyl-3,5-diiodine-2-aminopyridine (III) is formed

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POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref. Zhur.-Khimiya, No II, 1958, 36219.

after standing for 20 hours at 0 C. Its yield is 37%, melting point is 145-146° (determined from glacial acetic acid, then from diluted alcohol). From a mixture of ethylacetate with CoHon, III crystallizes with I mol of CoHoN forming a compound of 216-2170 melting point. The removal of nitrogen from 0.01 mols III is conducted at 4-5°C, using 20cc of 20% H₂SO4 + Igr. NaNO2 in 4cc of water. After subsequent addition of 30cc of boiling water and heating up to 100°C, II is obtained yielding 51.2%. To a solution containing 0.04 mals II in 96cc of 5% NaOH is added at 50°C, 0.08 mols of ClCH2COOH. The mixture is maintained at 100°C for 10 hours, followed by the addition of 5% NaOH in small portions comeasured with the formation of a precipitate, 48cc in total, and by the neutralization with HCl. From the precipitate (suspended

Card: 3/4

14

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G-2

'Abs Jour: Ref. Zhur-Khimiya, No II, 1958, 36219.

in water and treated with NaHCO3) 39.6% of II and with 223-2240 C melting point is obtained. A solution containing 0.02 mols Na in 100cc of absolute alcohol and 100cc absolute C4H6, 0.02 mols II, 0.025 mols C1CH2 C00C2Hc is boiled for 15 hours. After removal of solvents 50cc of 5% NaOH is added to the residue, after heating up to 40°C, ethyl ether I is obtained. Its yield is 63.8% and melting point is 205-205.5° (from C5H5N-Water at 1:1). When saponified with 25% KOH it yields 64.1% of I. I a is obtained from 0.001 mols of I in 200cc of boiling alcohol containing 0.01 mols of (HOC2H4)2NH. This reaction yields 80.5% of 182-183°C melting point Ia.

Card : 4/4

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khim., No 2, 1959, 4717.

Author : Bojarska-Dahlig, H. and Swirska, A.

Inst Title

: On the Possibility of Synthesizing 3,5-diiodo-4pyridylhydroxyacetic Acid an Isomer of 3,5-diiodo-4-pyridonyl-N-acetic Acid.

Orig Pub: Acta Polon Pharmac, 15, No 6, 457-458 (1957) (in Polish)

Abstract: When 9.08 gms of the Ag salt of 3,5-diiodo-4pyridone (prepared by treating a solution of 3,5diiodo-4-hydroxypyridine with a stoichiometric amount of 5% NaOH in the presence of 25% NH4OH /sic/ followed by treatment with an excess of AgNO3; yield 93-2%) is refluxed for 20 hrs with

4.26 gms CH, ClCOOC, H-in 150 ml xylene, only the

: 1/2 Card

37

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

7

Abs Jour: Ref Zhur-Khim., No 2, 1959, 4717.

ethyl ester of 3,5-diiodo-4-pyridyl-N-acetic acid (I) is obtained, yield 15%, mp 178-179 (from dil alc); when the reaction is carried out in pyridine (usual temperature, several hrs) the product again is I, yield 78.6%. I has been identified by comparison with known samples of I obtained by the etherification of 3,5-diiodo-4-pyridyl-N-acetic acid (II) by refluxing (5 hrs) with alcohol in the presence of conc H, SO4 and by the saponification of I with 5% NaOH (reflux for 5 hrs) to give II. -- L. Ya.

card : 2/2

; POLAND Country : Organic Chemistry. Synthetic Organic Chemistry Category No. 15397 Abs. Jour : Ref Zhur - Khim., No 5, 1959, : Bojarska-Dahlig, H. Author Institut. : Contribution to the Study of 3,5-Diiodo Deri-Titlo vatives of X-Aminopyridine : Roczn. chem., 1957, 31, No 3, 1041-1045 Orig Pub. : In order to obtain new roentgenodiagnostic Abstract agents, $3.5-I_2-2.6-(NH_2)_2C_5HN$ (I) and some related compounds were synthesized. Hydrolysis of I led only to 3,5-(HO)2-2,6-(NH2)205HN (II), instead of the expected 3,5-I2-2-NH2-6-HOC5HN (III). Attempts to obtain III by simple iodizing of 2-NH2-6-HOC5H3N (IV) were not successful. By hydrolysis of 2,6-(NH2)2CgH3N (V) [nitrate (N), m.p. 214-216.5° (decomposition; from Cara: 1/5 G - 43

Country : Gategory :

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15397

Author : Institut. : Title :

Orig Pub. :

Abstract : water)] with 10% HCl, according to a method described earlier (pat. USA 1,863,676), IV is obtained, m.p. 201.5-202 (from aqueous acetone); N, m.p. 197-198.5 (from water); hydrochloride (HC), m.p. 172.5-174 (decomposition; from alcohol-acetone); picrate (P), m.p. 182-182.5 (from alcohol). O.06 mole of ClCH2COOH is added to 0.05 mole of IV and 0.12 mole of KOH in 30 ml, of water, heated for 1.5 hours at about 100 , acidified with HCl up to a pH

Gategory:

Obs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15397

Author :
Institut. :
Fitlo :

Oris, Fub. :

Abstract : of about 5.5, and 2-amino-6-pyridone-N-acetic acid is separated out, with yield of about 30%, m.p. 218-221 (decomposition); HC, m.p. 199.5-200.5 (decomposition; from alcohol-acetone).

1.1 moles of I2 and 140 g. of KI in 230 ml. of water are added to 0.5 mole of V in 300 ml. of water during one hour, and mixed for seven hours; after 12 hours, 40 ml. of 40% NaOH (up to a pH of about 7) are added, mixed for one hour at about 20°, and 72% of unpurified I is

Card: 3/5

Country :
Category :

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15397

Author :
Institut. :
Titio :

Orig Pub. :

Abstract : obtained; 110 g. of precipitate, 150 ml. of water and 75 ml. of concentrated HCl are mixed, and cooled to 0; the precipitate of HC of I is washed with water and alcohol, dissolved in pyridine, purified with carbon, and I is precipitated with water, m.p. 211-211.5 (from pyridine-alcohol); P. m.p. 215 (decomposition; from acetone). 0.01 mole of I and 85 ml. of 10% HCl are boiled for three hours, evaporated at about 100°, 20 ml. of water are added, NaHCO3

Cara:

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BOJARSKA-DAHIG, H.; GRUDA, I.

Studies on the chemistry of μ -hydroxypyridine derivatives. V. On amination of μ -hydroxy-2-methylpyridine with sodium amide. p. 505

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 19591 $U_{\rm ncl}$.

BOJARSKA-DAHLIG, Haline; NANTKA-NAMIRSKI, Pawel

Studies on the chemistry of radiopaque compounds. II. On 2,4,6-tri-iodo-3-(aminopyridylazo)-benzoic acids. Rocz chemii 34 no.1:189-195 160. (EEAI 10:9)

1. Department of Synthesis, Institute of Pharmacy, Warsaw.

(Radiation) (Iodine) (Benzoic acid) (Amino group) (Pyridyl group) (Azo compounds)

BOJARSKA-DAHLIG, Halina

SUPLANCE (LA COLLAND LANCE REMOS

Country:

Poland

Academic Degrees: Inot given

Accidentation: Department of Synthesis I of the Pharmaceutical Institute (Zaklad Syntezy I Instytutu Farmaceutycznego), Warsaw

Warsaw, Farmaoja Polska, Vol XVII, No 12, 25 June 1961, pp 238-241

Datic:

"Investigations of the Pharmaceutical Institute in Warsaw in the Area of the Synthesis of Shadow-Producing Substances for X-Ray Diagnosis."

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206020012-8

Ակկ6կ P/016/62/000/011/002/006 D218/D307

27.3500 AUTHORS:

ation with

Bojarska-Dahlig, Halina, Docent, Doctor, Engineer (Director, see Association) and Kurzepa, Stanislaw, Doctor (Director,

see Association)

TITLE:

Monoamine oxidase and its inhibitors. I

PERIODICAL:

Wiadomości Chemiczne, no. 11, 1962, 659-669

TEAT: It has been established that changes in the equilibrium and level of chemical transmitters, such as adrenaline, noradrenaline, acetycholine, histamine and sero tonin, are similar to the \(\gamma\) - aminobutyric acid in that they give rise to clear disturbances in psychic states. Studies of the various processes involved in this phenomenon, which modifies the concentration of neurohormones, have led to the discovery of enzymes affecting the level of neurohormones, including monoamine oxidase (MAO). The authors review published work on the physiological significance of MAO together with the pharmacological and clinical

Card 1/2

P/016/62/000/011/002/006 D218/D307

Monoamine oxidase ...

action of its inhibitors. The review covers the period up to 1960. The properties of MAO are discussed with special reference to the chemistry of MAO inhibitors and the structure-activity relationships. The final section of this paper reviews recently used drugs inducing MAO inhibition. There are 2 tables and 54 non-Soviet-bloc references.

ASSOCIATION:

Bojarska-Dahlig: Zak/ad Syntezy I w Instytucie Farmaceutycznym w Warszawie (Department of Synthesis I of the Pharmaceutical Institute, Warsaw); Kurzepa: Zak/ad Farmakologii w Instytucie Matki i Dziecka w Warszawie (Department of Pharmacology at the Mother and Child Institute, Warsaw) and Pracownia Neurofarmakologiczna w Instytucie Farmaceutycznym w Warszawie (Neuropharmacological Laboratory of the Pharmaceutical Institute, Warsaw)

SUBMITTED:

May 12, 1962

Card 2/2

BOJARSKA-DAHLIG, Halina

Studies on monoamine exidase inhibitors. I. Isonicotinic acid derivatives. Acta pol. pharm. 19 no.3:269-272 62.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie.

(MONOAMINE OXIDASE INHIBITORS chem)

(NICOTINIC ACID rel cpds)

BOJARSKA-DAHLIG, Halina

Studies on monoamine oxidase inhibitors. II. 1-Benzyl-2-(1-phenyl-5-methyl-1,2,3-triazocarbonyl)-hydrazine. Acta pol. pharm. 19 no.3: 273-274 '62.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie. (MONOAMINE OXIDASE INHIBITORS chem)

BOJARSKA-DAHLIG, Halina

Hydrazine derivatives of arylacetic acid. Acta pol. pharm. 19 no.3: 275-276 '62.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie. (HYDRAZINES chem) (ACETATES chem)

BOJARSKA-DAHLIG, Halina; SWIRSKA, Alicja

Studies on the chemistry of radiopaque compounds. VII. Hydrazides of some iodo-substituted cyclic carboxylic acids. Rocz chemii 36 no.3:535-538 162.

1. Department of Synthesis I, Institute of Pharmacy, Warsaw.

BOJARSKA-DAHLIG, Halina, doc dr inz.; KURZEPA, Stanislaw, dr, adiunkt

Monoamine oxidate and its inhibitors. I. Wiad chem 16 no.11: 659-669 N *62.

1. Kierownik Zakladu Syntezy I, Instytut Farmaceutyczny, Warszawa (for Bojarska-Dahlig); 2. Kierownik Zakladu Farmakologii, Instytut Matki i Dziecka, Warszawa i Kierownik Pracowni Neurofarmakologicznej, Instytut Farmaceutyczny, Warszawa (for Kurzepa).

27.3500

P/016/62/000/012/002/003 D461/D307

AUTHORS:

Bojarska-Dahlig, Halina, Docent, Doctor, Engineer, and Kurzepa, Stanislaw, Doctor, Director (see Asso-

ciation)

TITLE:

Monoamine oxidase and its inhibitors. II

PERIODICAL:

Wiadomosci Chemiczne, no. 12, 1962, 741-757

TEXT: A review paper covering the period up to 1961. The subject matter is considered under the following headings: (1) hydrazine derivatives, (2) harman derivatives, (5) 2-phenylcyclopropylamine, (4) indole derivatives, (5) examples of MAO inhibitors belonging to other groups of chemical compounds, and (6) MAO inhibitors used in therapeutics. It is noted that MAO inhibitors are being studied (since 1960) at the Pharmaceutical Institute in Warsaw. This work is concerned with (1) the synthesis of new enzyme inhibitors, and (2) the biological activity of these preparations. There are 5 tables and 37 references: 1 Soviet-bloc and 36 non-Soviet-bloc.

Card 1/2

Monoamine oxidase ...

P/016/62/000/012/002/003 D461/D307

ASSOCIATION:

Bojarska-Dahlig: Zak/ad Syntezy I w Instytucie Farmaceutycznym w Warszawie (Department of Synthesis I of the Pharmaceutical Institute, Warsaw); Kurzepa: Zak/ad Farmakologii w Instytucie Matki i Dziecka w Warszawie (Department of Pharmacology at the Mother and Child Institute, Warsaw) and Pracownic Neurofarmakologiczna w Instytucie Farmaceutycznym w Warszawie (Neuropharmacological Laboratory of the Pharmaceutical Institute, Warsaw)

Card 2/2

271400

S/081/62/000/024/042/073 B101/B186

AUTHORS:

Bojarska-Dahlig, Halina, Swirska, Alicja

TITLE:

Study of X-ray-opaque compounds. VII. Hydrazides of some

iodo-substituted cyclic carboxylic acids

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 24, 1962, 333, abstract

24Zh202 (Roczn.chem., v.36, no.3, 1962, 535-538 [Pol.;

summary in Eng.])

TEXT: An excess of $N_2H_4 \cdot H_2O$ reacting with $RCOOC_2H_5$ (I) in alcohol yielded $RCONHNH_2$ (II). R in II, the gross formula, and m.p. in O C given: 3,4,5-triiodophenyl, $C_7H_5ON_2I_3$, 246 - 248 (decomp.; from diluted C_5H_5N); 3,5-diiodo-4-acetyl aminophenyl, $C_9H_9O_2N_3I_2$, 252 - 254 (from 80% alcohol); 3,5-diiodo-2-acetyl aminophenyl, $C_9H_9O_2N_3I_2$, 252 - 252.5 (from benzene); 3,5-diiodo-4-pyridino-N-methylene, $C_7H_7O_2N_3I_2$, 247 - 248 (decomp.; from diluted C_5H_5N). It was impossible to produce II from I (R = 2,4,6-triiodo-3-acetyl aminophenyl) (Ia). A former method (USA patent 2611786, Card 1/2

Study of X-ray-opaque compounds. ...

S/081/62/000/024/042/073 B101/B186

1952) is applied to produce Ia, $C_{11}^{H}_{10}^{O}_{3}^{N}_{13}$, m.p. 207.2 - 208°C (from aqueous alcohol). Substance I is obtained from Ia (R = 2,4,6-triiodo-3-aminophenyl), $C_{9}^{H}_{8}^{O}_{2}^{N}_{13}$, m.p. 126-127°C (from aqueous alcohol). Reaction between alcohol and $H_{2}^{S}_{02}^{O}_{13}^{O}_$

Card 2/2

BOJARSKA-DAHLIG, Halina

Studies on compounds with radiopaque properties. IX. Rocz chemii 36 no.5:971-972 62.

1. I Department of Synthesis, Institute of Pharmacy, Warsaw.

RACZKA, Alicja; SWIRSKA, Alicja; BOJARSKA-DAHLIG, Halina

Studies on the synthesis of l-(m-aminophenyl)-2-pyridone and similar derivatives with a possible psychotropic effect. Acta pol. pharm. 20 no.2:155-167 163.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego wo Warszawie Kierownik Zakladu: doc. dr H. Bojarska-Dahlig. (PYRIDINES) (CHEMISTRY, PHARMACEUTICAL) (PSYCHOPHARMACOLOGY)

BOJARSKA-DAHLIG, Halina

Studies on monoamine oxidase inhibitors. III. Hydrazine derivatives of some arylacetic acids. Acta pol. pharm. 20 no.4:293-302 163.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie Kierownik Zakladu: doc dr H. Bojarska-Dahlig. (MONOAMINE OXIDASE INHIBITORS) (ACETATES) (HYDRAZINES) (CHEMISTRY, PHARMACEUTICAL)

BOJERSKE-LAPLIN, Baline, NIFMOJFWSKA-JARYMOWICZ, Barbers

Studies on monomine exiduse inhibitors. IV. 4-Aminophenylacetic acid hydrazide derivatives. Acta Pol. pharm. 20 no.6:423-426 163.

i. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie (Eterownik: Zakladu: doc. dr H. Bojarska-Dahlig).

BOJARSKA-LAFTIG, Heling: MISTERSK, Janing

Studies on monoscine exidase inhibitors. V. Seuzeic meid hydrazide derivatives. Acta Pol. pharm. 21 no.1:105-105 164.

1. Z Zukladu Syntezy I Instytutu Farmaceutycznego w Warszewie (Hierownika Prof. or R. Bojarska-Unblig).

BOJARSKA-DAHLIG, Halina

Studies on monoamine oxidase inhibitors. VI. Hydrazine derivatives of diphenylacetic acid. Acta Pol. pharm. 21 no.4:337-341 '64

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie (Kierownik Zakladu: prof. dr. H. Bojarska-Dahlig.).

RACZKA, Alicja; BOJARSKA-DAHLIG, Halina

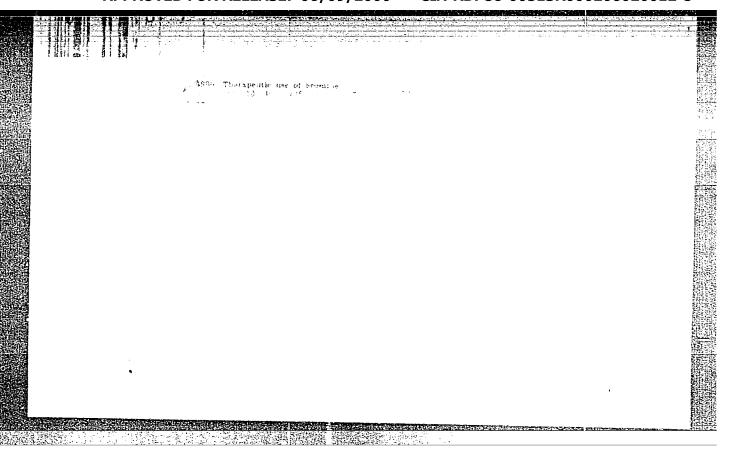
N-(beta-phenylisopropyl)-2-pyridone. Acta Pol. pharm. 22 no.3: 285-286 '65.

1. Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie (Kierownik: prof. dr. H. Bojarska-Dahlig).

BOJARSKA-DAHLIG, Janina

Studies on the chemistry of radiopaque compounds. Pt.8. Rocz chemii 36 no.4:767-769 162.

1. I Department of Synthesis, Institute of Pharmacy, Institute of Pharmacy, Warsaw.



BOJARSKI, A.

BCJARSKI, A. The application of bulldozers in earthwork. p. 185. Vol. 11, no.8 Aug. 1956. DRCGCWNICTWO. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL), Vol. 4, No. 4--April 1957

BOJARSKI, A.

The building of embankments with bulldozers. p. 8. (Drogownictwo, Poland, Vol. 12, no. 1, Jan. 1957.)

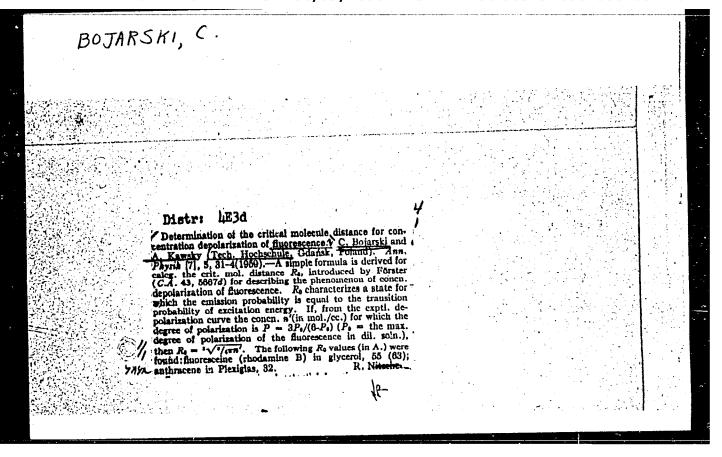
SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BOJARSKI, B.

On the index problem for systems of singular integral equations. Bul Ac Pol mat 11 ne. 10:653-655 '63.

1. Department of Mathematics, University, Warsaw, and Department of Mathematics, University of Chicago, Ill. Presented by A. Zygmund.

: Physical Chemistry. Molecule. Chemical Bond. COUNTRY CATEGORY Molecular Spectra 1960, No.136 ARS. JOUR. : RZKhim., No. 1 : Bojarski, C. AUTHOR : Note on the Theory of the Selfdepolarization INST. of Photoluminescence of Solutions TITLE ORIG. PUB.: Bull. Acad. polon. sci. Sor. sci. math., astron. et phys., 1958, 6, No 11, 719-725, LVI : From the general expression for the dependence of the degree of fluorescence polarization upon ABSTRACT the number of molecules in 1 cm3 of solution, which was given earlier by Jablonski (RZhKhim., No 20, 1956, Nos 64544, 64545), a simpler formula was derived. This formula concords well with the experimental results of Feofilov and Sveshnikov (Zh. eksperim. i teor. fiz., 1940, 10, 1372). The divergence between theory and 1/2 CARD: 3-5



"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206020012-8

24.3500

2/019/62/019/012/001/001 D006/D102

AUTHOR:

Bojarski,

TITLE:

Effect of self-extinction on concentration depolarization of photoluminiscence of stable solutions

PERIODICAL:

Prehled technické a hospodarské literatury. Energetika a elektrotechnika, v. 19, no. 12, 1962, 525, abstract # E 62-

7066, Ann. Phys., Leipzig, 8, no. 7, 1961, 402-411

Taking into consideration Yablonski's theory on concentration TEXT: depolarization of released radiation, an expression was derived for the dependence of polarization degree on pigment concentration which at the same time considers the self-extinction effect in the particular case that no chemical reactions take place in the fluorescent solution. The result was compared with experimental results of Feofilov and Sveshnikov. The original article contains 3 figures and 1 table. Abstracter's note: Complete translation.7

Card 1/1

BOJARSKI, C.

Intermolecular energy migration and concentrational depolarization of photoluminescence in rigid solutions. Acta physica Pol 22 no.3:211-223 S *62.

1. lst Department of Physics, Technical University, Gdansk.

ACCESSION NR: AP4024330

P/0045/64/025/002/0179/0185

AUTHOR: Bojarski, C.

TITLE: Problem of the critical distance between molecules in the process of excitation energy transfer in luminescent solutions

SOUPCE: Acta physica polonica, v. 25, no. 2, 1964, 179-185

TOPIC TAGS: critical intermolecular distance, excitation energy transfer, luminescent solution, photoluminescence emission, radiationless transfer, polarization, intermolecular energy migration

ABSTRACT: The author computes the ratio between Jablonski's radius of the active sphere and Forster's critical distance, defined as the distance between two luminescent molecules at which the probability of photoluminescence emission is the same as that of radiationless transfer of excitation energy, on the basis of Jablonski's concentrational depolarization theory of photoluminoscence with a layer model of luminescent center (Acta physica polonica, 14, (1955) 295; 17, (1958) 481); and compares his results with the experimental results of Szalay and Sarkany. He finds this ratio, as determined experimentaly for the layer model of the center, in good agreement with the

Card 1/2

ACCESSION NR: AP4024330

value calculated by him, and concludes that, while the experimental shapes of the dependence of photoluminescence polarization are already highly satisfactory within the framework of a model with active sphere, the interpretation of the experimental results within the framework of the theory with the layer model yields a more correct picture of intermolecular energy migration and points, moreover, to a critical distance in actual energy transfer that is much smaller than the value resulting from the simplified version of the theory. Orig. art. has: 1 figures and 20 equations

ASSOCIATION: Politechnika Gdanska, Katedra Fizyki I (Gdansk Polytechnic, Chair of Physics I)

SUBMITTED: 06Jul63

DATE ACQ: 15Apr64

ENCL: 00

SUB CODE: NS

NO REF SOV: OCO.

OTHER: 010

Card 2/2

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1.00838-67 IJP(c) ACC No. AP6034783

SOURCE CODE: PO/0045/66/030/002/0169/0185

23

AUTHOR: Bojarski, C.

ORG: First Chair of Physics, Technical University, Gdansk (Katedra Fizyki I, Politechnika Gdanska)

TITLE: Resonance quenching of solid solution luminescence

SOURCE: Acta physica polonica, v. 30, no. s, 1966, 169-185

TOPIC TAGS: solid sloution, luminescence, luminescence quenching, luminescence quencher, luminescence resonance quenching, dipole dipole interaction, resonance excitation energy, solid solution luminescence/ Forster quenching theory, Bojarski quenching theory

ABSTRACT: The theory of the quenching of luminescence by foreign absorbing substances in the case of solid solution, and dipole-dipole interaction between the molecules of the sensitizer S and those of the acceptor has been generalized, using a multilayer model of the luminescence center. Fluctuations of the quencher's molecule concentration, as well as the probability dependence of the resonance excitation energy transfer $P_{SA}(dd)$ on mutual orientation of the transition moments of interacting molecules have been taken into account. The applicability C_{Cord} 1/2

L 09838-67

ACC NR. AP6034783

of a previous, simplified assumption about the independence of $P_{SA}(dd)$ from the distance of quenchers from a giver layer of the luminescence center (Bojarski, 1960) has been reduced. The quantitative relation between the critical distance R₁ appearing in Forster's theory and the constant r(1) introduced into the present quenching theory have been established. An analytic expression for the quantum yield of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the sensitiven has been obtained and compared with the avantage of the luminescence of PSA(dd) tizer has been obtained and compared with the experimental results of other authors. Orig. art. has: 3 figures, 2 tables, and 40 formulas. [Based on author's abstract]

SUB CODE: 20/ SUBM DATE: 15Sep55/ ORIG REF: 007/ SOV REF: 005/

OTH REF: 015

Card 2/2

POLAND

BOJARSKI, Jan and ZULINSKA, Wanda, Chair for the Hygiene of Animal Products (Katedra Higiony Produktow Zwierzecych), Veterinary Division (Wydzial Weterynaryjny), WSR [Wyzsza Szkola Rolnicza, Higher School of Agriculture] in Lublin (Director: Docent, Dr. Edmund PROST)

"The Value of Some Methods for the Differentiation of the Types of Mycobacterium Tuberculosis."

Warsaw-Lublin, Medycyna Woterynaryjna, Vol 19, No 3, Mar 63, pp 153-162.

Abstract: [Authors' English summary modified] Tests carried out with known 20 strains of Myc. tuberculosis, 14 strains of Myc. bovis, 12 strains of Myc. avium, and 7 strains of saprophytic bacteria revealed that identification was a) Most effective with biological tests on animals,b) Least effective with microscopic differentiation, c)Solid culture modia are effective for Myc. tuberculosis, d) Petragni's medium is satisfactory for differentiation of Myc. avium, and that e) niacin test (Peknice) can serve as an auxiliary test for Myc. tuberculosis. The 21 refs are Polish in 7 cases, and English or German in the rest.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206020012-8

Quenching of Photoluminescence of Solutions

P/045/60/019/006/002/012 B011/B059

The results of this theory are in very good agreement with experiments. There are 3 figures and 11 references: 1 Soviet, 4 German, and 6 Polish.

ASSOCIATION: I Department of Physics, Gdafisk Technical University

(First Department of Physics, Gdansk Technical University)

SUBMITTED: February 12,1960 (initially) and March 18, 1960 (after

revision)

Card 2/2

BOJARSKI, Jacek; KAHL, Wladyslaw; MELZACKA, Miroslawa

M-acyl derivatives of barbiturates. Pt. 1. Rocz chemii 36 no.7/8:1259-1262 '62.

1. Department of Organic Chemistry, Medical Academy, Krakow.



MOSZEW, J.; BOJARSKI, J.; INASINSKI, A.

Addition reactions in the group of Schiff's bases. Addition of aromatic derivatives of carbodimide. I. Bul chim PAN 8 no.8: 417-418 '60. (EEAI 10:9/10)

1. Katedra Chemii Organicznej, Uniwersytet Jagiellonski, Krakowi Laboratorium Nr. 6. Instytut Syntezy Organicznej, PAN. Presented by T. Urbanski.

(Chemical reaction) (Schiff bases) (Aromatic compounds) (Carbodiimide)

MOSZEW, Jan: BOJARSKI, Jacek; INASINSKI, Antoni

Addition reactions in Schiff's bases. III. Addition of aromatic derivatives of carbodimide. Rocz chemii 34 no.3/4:1177-1179 '60. (EEAI 10:3)

1. Katedra Chemii Organicznej Uniwersytetu Jagiellonskiego, Krakow i Pracownia nr. 6 Zakladu Syntezy Organicznej Polskiej Akademii Nauk, Krakow. (Carbodiimide) (Aromatic compounds) (Schiff bases)

BOJARSKI, Jacek; KAHL, Wladyslaw

N-acyl derivatives of barbiturates. Pt. 2. Rocz chemii 37 no.5:589-590 163.

1. Department of Organic Chemistry, School of Medicine, Krakow.

POLAND

BOJARSKI, Jan, Chair of Sanitation of Animal Products of the Veterinary College of the Agricultural University, Lublin (Katedra Higieny Produktow Zwierzecych Wydz. Wet. WSR) Head (Kierownik) Prof. Dr. Edmund PROST

"Pathogenic Microorganisms in the Slaughterhouse Pipes. Microorganisms of Salmonella Type"

Lublin, Medycyna Weterynaryjna, Vol 22, No 11, Nov 66; p. 670-671

Abstract [English summary modified]: From September 1965 to February 1966, 560 samples of drain-water effluent from the Lublin slaughterhouse revealed 3 samples to be contaminated with Salmonella: 2 strains of Salmonella dublin and 1 of Salmonella choleraesuis kunzendorf. This is much better than comparable data for several other European slaughterhouses. 2 tables, 1 Polish, 8 German references, including 2 theses.

1/1

BOJARSKI, Jerzey

Basic problems of standardization and model making in furniture. production. Frzem drzew 13 no.2:11-14 '52.

BOJARSKI, J.

"Problems of quarterly executive planning of production in the furniture industry." p. 10. (Przemysl Drzewny, Vol. 4, no. 5, May 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Uncl

BOJARSKI, J.

"Group Planning in the Furniture Industry." p.9 (PRZEMYSL DRZEWNY Vol. 4, no. 8, Aug. 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

PCJABSKI, J.

FCJARSKI, J. Organizational problems of the furniture industry. p. 312.

Vol. 6, No. 11, Nov. 1955. PPZEMYSL DRREWKY. TECHNOLOGY Warszawa, Foland

So: Lest European Accession, Vol. 5, No. 5, May 1956

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PHASE I BOOK EXPLOITATION POL/3268

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- Co i jak produkować z tworzyw sztucznych (What Can Be Produced From Plastics and How) Warsaw, Państwowe Wyd-wo Techniczne, 1959.
 413 p. (Series: Tworzywa sztuczne prezetwórstwo i zastosowaniye)
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What Can be Produced (Cont.)

POL/3268

K. Radziwill, Master in Science, Tech. Ed.: A. Urbanicki.

PURPOSE: This book is intended for chemists and equipment designers in the plastics industry. It will be of interest to students of the plastics industry.

COVERAGE: This book, one of a series on the plastics industry, is divided into two parts. The first part discusses the classification of plastics, methods of production, and the most common uses of the end-products. The basic properties of individual plastics are given in tabular form along with testing methods. The second part contains a general discussion of all known methods of processing plastics, thermoplastics, and thermosetting plastics. The design, construction, and parts of processing machines are described. The techniques of dyeing, metallization, machining, and welding of plastics are also treated. A listing of terminology used in the plastics industry is included. A table includes the trade names and producers of major plastics. No references are given.

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